

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta: ZNANSTVENO RAZISKOVALNE METODE
Course title: SCIENTIFIC RESEARCH METHODS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
LOGISTIKA SISTEMOV 3. stopnja		1.	1.
SYSTEM LOGISTICS 3 rd degree		1.	1.

**Vrsta predmeta (obvezni ali izbirni) /
Course type (compulsory or elective)**

OBVEZNI
COMPULSORY

Univerzitetna koda predmeta / University course code:

DR

Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
6		AV	LV	RV			84	3

Nosilec predmeta / Course coordinator:

BOJAN ROSI

Jeziki /Languages:

Predavanja / Lectures: SLOVENSKI/SLOVENE

Vaje / Tutorial: SLOVENSKI/SLOVENE

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Individualno raziskovalno delo študenta pomeni vključitev v projekt in raziskavo problema pod vodstvom mentorja kot pripravo za doktorsko nalogo.

Prerequisites for enrolling in the course or for performing study obligations:

Individual research work means that the student takes part in a project and research of a particular problem with support from a supervisor. This is seen as preparation for a PhD thesis.

Vsebina (kratek pregled učnega načrta):

Znanstveno raziskovalno delo:

- bazične raziskave, razvojne, aplikativne raziskave,
- izobraževanje, znanstveno izpopolnjevanje raziskovalcev,
- znanstveno raziskovalna infrastruktura,
- načrtovanje znanstveno raziskovalnega dela.

Delo na podiplomskem študiju: kritična analiza, prikaz, seminarsko delo, doktorska naloga.
 Metode v znanstveno-raziskovalnem delu: logika, metoda, metodologija, metodika.
 Struktura znanstvenega dela.

Content (syllabus outline):

Academic research work encompasses:

- theoretical, development and applicative research,
- education, academic improvement of researchers,
- academic-research infrastructure,
- academic-research work planning.

Postgraduate studies: critical analysis, results, written coursework, PhD thesis.
 Methods of an academic-research work: logic, methods, methodology.
 Structure of academic work.

<p>Individualno raziskovalno delo kot koncept raziskave v skladu z metodologijami, usvojenimi pri ostalih predmetih.</p> <p>Poročila, predstavitev poročil, diskusija, kritična analiza.</p> <p>Ocenjevanje svojega raziskovalnega dela in raziskovalnega dela drugih.</p> <p>Delo v skupini, teamsko delo, porazdelitev nalog.</p> <p>Študij strokovne in znanstvene literature in tekoče periodike.</p> <p>Plan znanstveno-raziskovalnega dela, sprotne poročanje o poteku dela, javna predstavitev načrta dela in raziskovalnih spoznanj.</p>	<p>Individual research work as a research concept that is in line with the methodologies from other courses.</p> <p>Reports, presentations of reports, discussions, critical analysis.</p> <p>Evaluation of one's own research work and research work of others.</p> <p>Group work, team work, division of tasks.</p> <p>Study of professional and academic literature and current literature.</p> <p>Scientific research workplan, ongoing workflow reporting, public presentation of workplan and scientific findings.</p>
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Temeljna literatura in viri / Reading materials:

Strokovna in znanstvena tekoča periodika s področja logistike oz. področja, ki ga bo študent prepoznal kot svoje področje za izdelavo doktorske naloge.

Cilji in kompetence:

Usposobljenost za samostojno raziskovalno delo. Študent mora znati napisati znanstveni in strokovni članek, del monografije, ekspertizo, elaborat, doktorsko nalogo.

Objectives and competences:

The ability to undertake an individual research work. The students must be able to produce an academic and professional article, part of a monograph, an expertise, elaborate, PhD thesis.

Predvideni študijski rezultati:

Znanje in razumevanje:
Pridobitev in usvojitev znanja s širšega strokovnega področja, v katerega sodi doktorska naloga.

Prenesljive/ključne spretnosti in drugi atributi:
Naučiti se samostojnega raziskovalnega dela, reševati strokovne probleme, usvojitev kritične distance do trditev in razumevanja strokovne literature.

Intended learning outcomes:

Knowledge and Understanding:
Acquiring and gaining of knowledge from a broader academic field, a part of which is a PhD thesis.

Transferable/Key Skills and other attributes:
Learn to undertake an individual research work, solve professional problems, and learn to maintain a critical distance towards the arguments and understanding of professional literature.

Metode poučevanja in učenja:

Pogovor, konzultacije, diskusije, v okviru katerih se predstavljajo tudi vmesni rezultati raziskovalnega dela.

Learning and teaching methods:

Dialogues, consultations, discussions.

Načini ocenjevanja:	Delež (v %) / Share (in %)	Assessment methods:
Seminarska naloga/poročilo o delu, zagovor/diskusija.	80%	Coursework/ work report/, presentation/discussion.
	20%	

Reference nosilca / Course coordinator's references:

Znanstvena monografija

- ROSI, Bojan. Innovation in systems thinking : the application of dialectical network thinking in resolving complex problems, (Business issues, competition and entrepreneurship). New York: Nova Publishers, cop. 2015. VIII, 98 str., ilustr. ISBN 978-1-63463-320-8.

https://www.novapublishers.com/catalog/product_info.php?products_id=52478&osCsid=5dd54631ae62a331a1531cdcfb8c9552. [COBISS.SI-ID 512655165].

Izvirni znanstveni članek

- BUTTON, Kenneth John, KRAMBERGER, Tomaž, GROBIN, Klemen, ROSI, Bojan. A note on the effects of the number of low-cost airlines on small tourist airports' efficiencies. *Journal of air transport management*, ISSN 0969-6997. <https://www.sciencedirect.com/science/article/pii/S096969971730114X?via%3Dihub>, doi: 10.1016/j.jairtraman.2017.12.003. [COBISS.SI-ID 512892733].
- GAJŠEK, Brigita, ROSI, Bojan. Stakeholder differences in the understanding of inter-organizational concept content as a risk factor : the case for a logistics platform. *The International journal of logistics management*, ISSN 0957-4093, 2015, vol. 26, iss. 1, str. 107-127, tabele. <http://www.emeraldinsight.com/doi/pdfplus/10.1108/IJLM-06-2012-0040>, doi: 10.1108/IJLM-06-2012-0040. [COBISS.SI-ID 512661565].
- IVANUŠA, Teodora, PODBREGAR, Iztok, ROSI, Bojan. Toward more governmental social responsibility; the case of natural or intentional outbreaks of highly contagious diseases. *Systems research and behavioral science : the official journal of the International Federation for Systems Research*, ISSN 1092-7026, Mar./Apr. 2015, vol. 32, iss. 2, str. 197-204, graf. prikazi, doi: 10.1002/sres.2260. [COBISS.SI-ID 2853866].
- JEREB, Borut, IVANUŠA, Teodora, ROSI, Bojan. Systemic thinking and requisite holism in mastering logistics risks : the model for identifying risks in organisations and supply chain. *Amfiteatru economic*, ISSN 1582-9146, Feb. 2013, vol. 15, no. 33, str. 56-73, tabele. <http://www.amfiteatruconomic.ro/ArticolEN.aspx?CodArticol=1175>. [COBISS.SI-ID 512476221].